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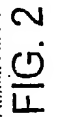


FIG. 2

DB Validation

Robot Drive

Analysis Comparison

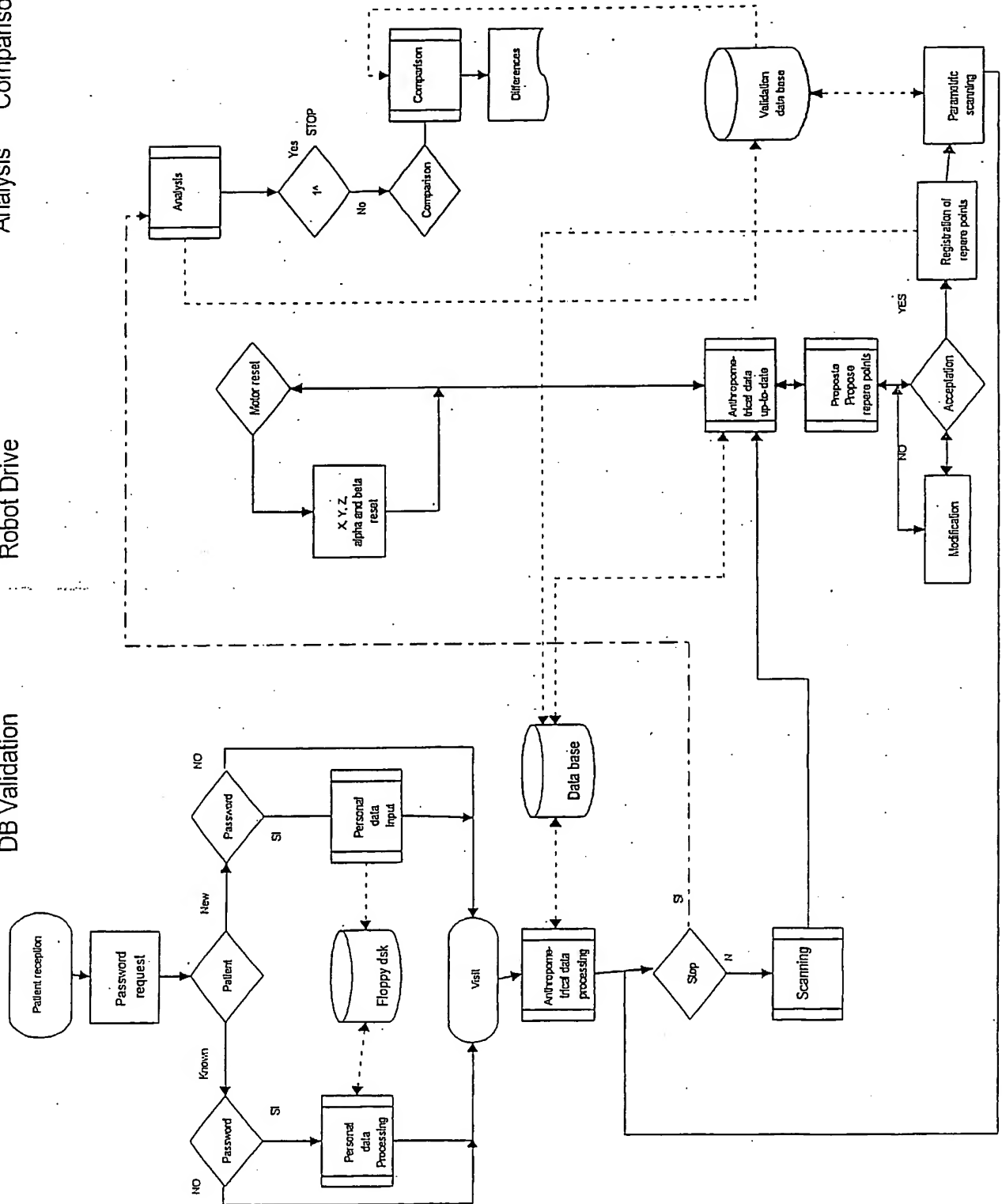


FIG. 3

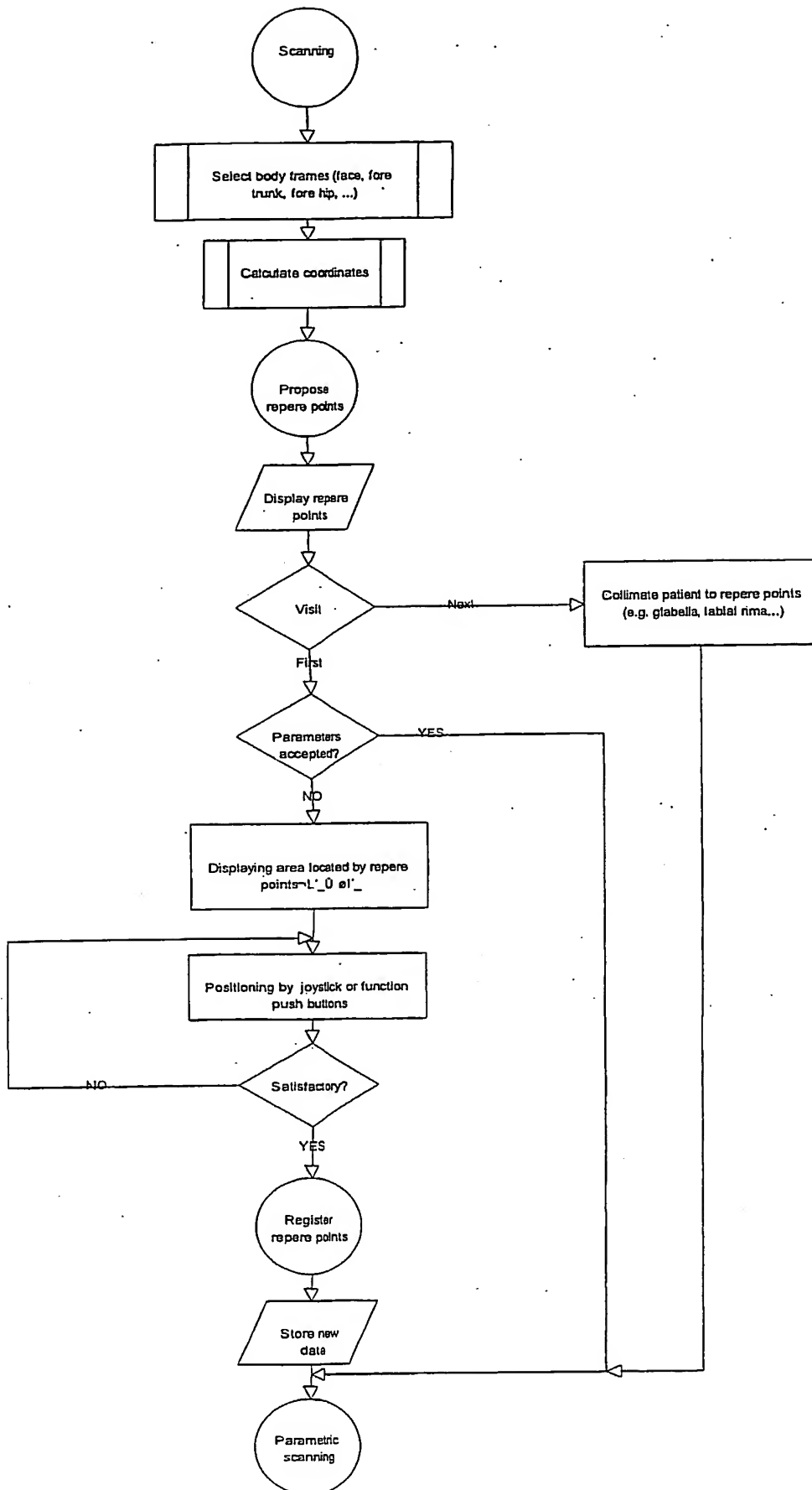


FIG. 4

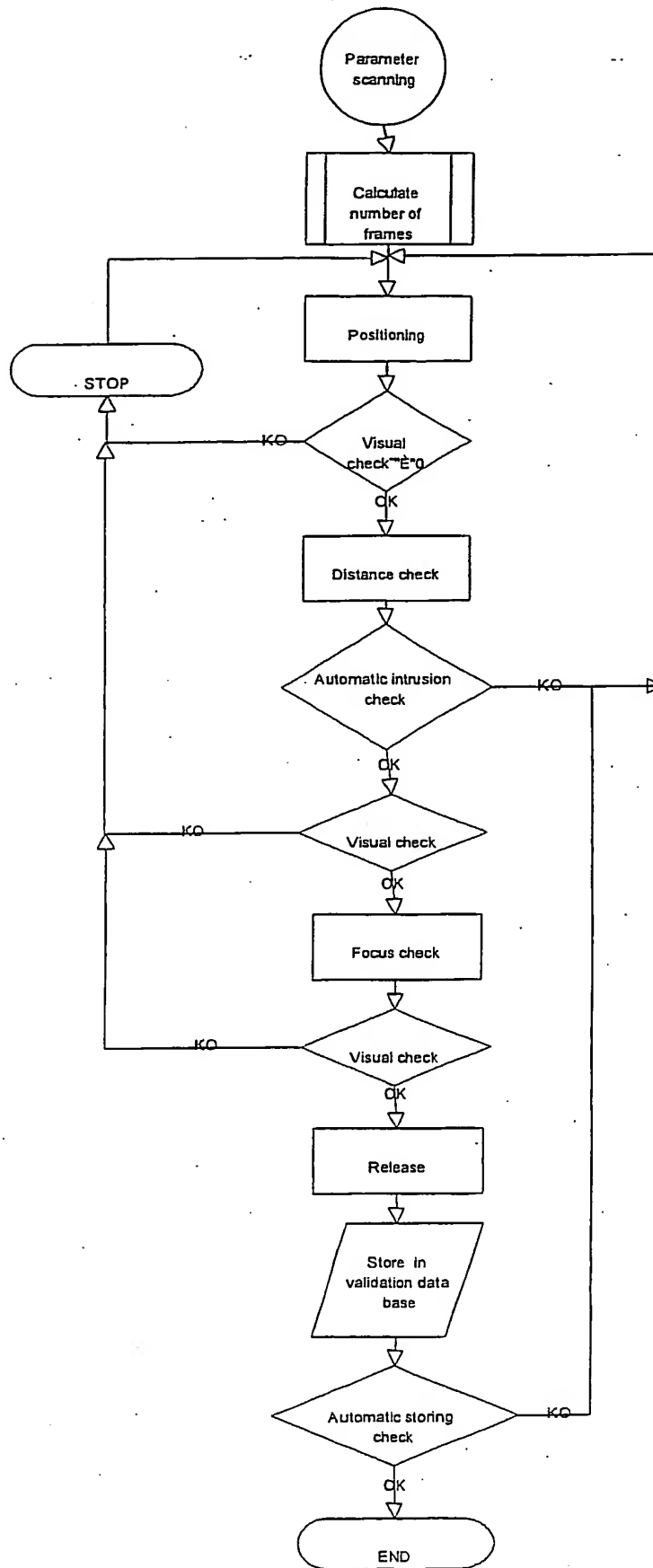


FIG. 5

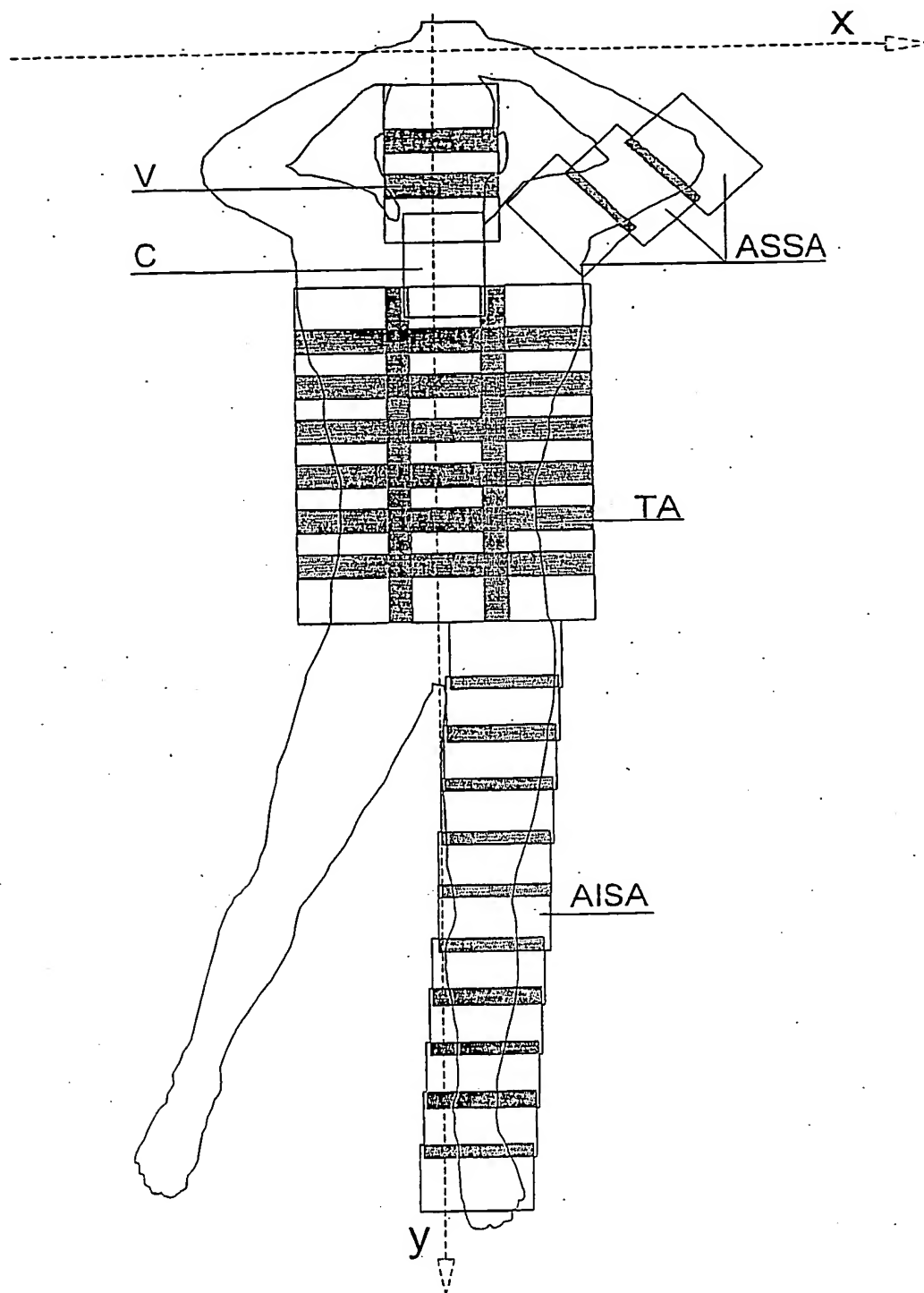


FIG. 6

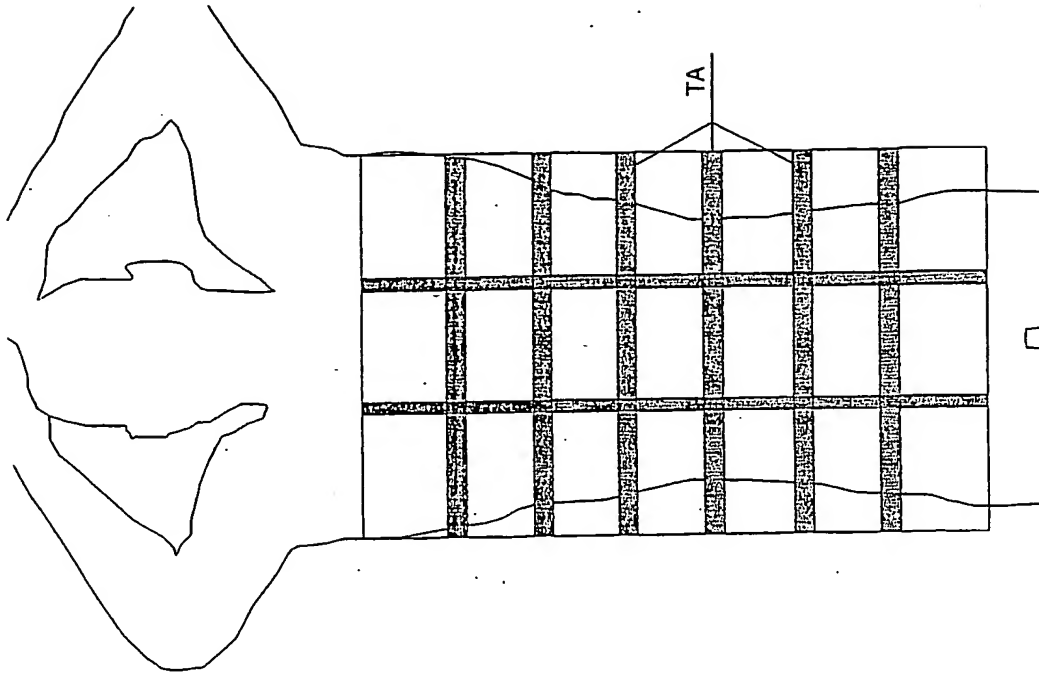


FIG. 8

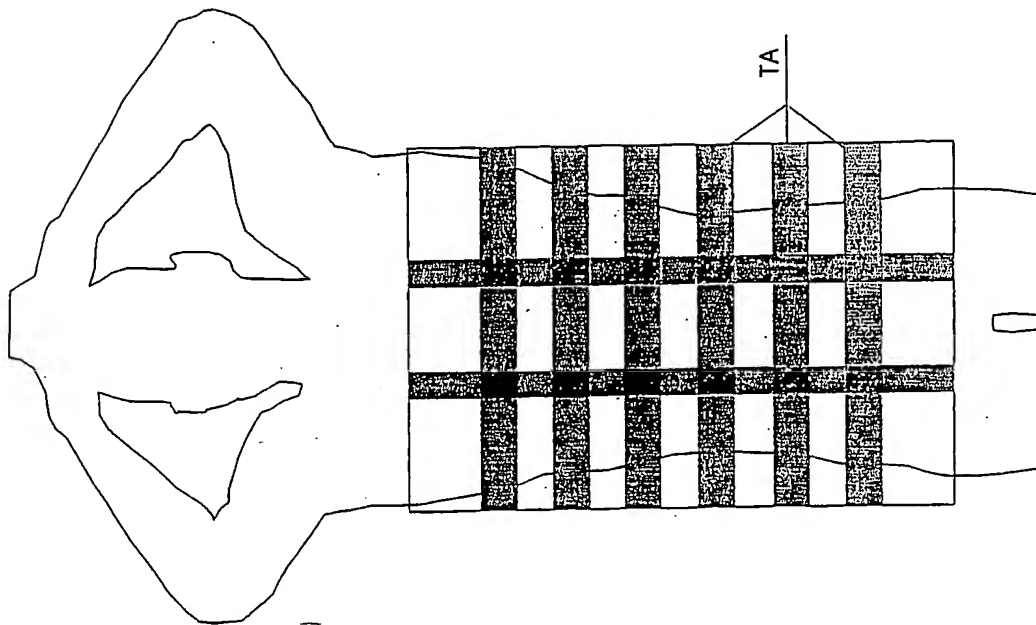


FIG. 7

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TA (ALFA=170°)

AISA (ALFA=165°)

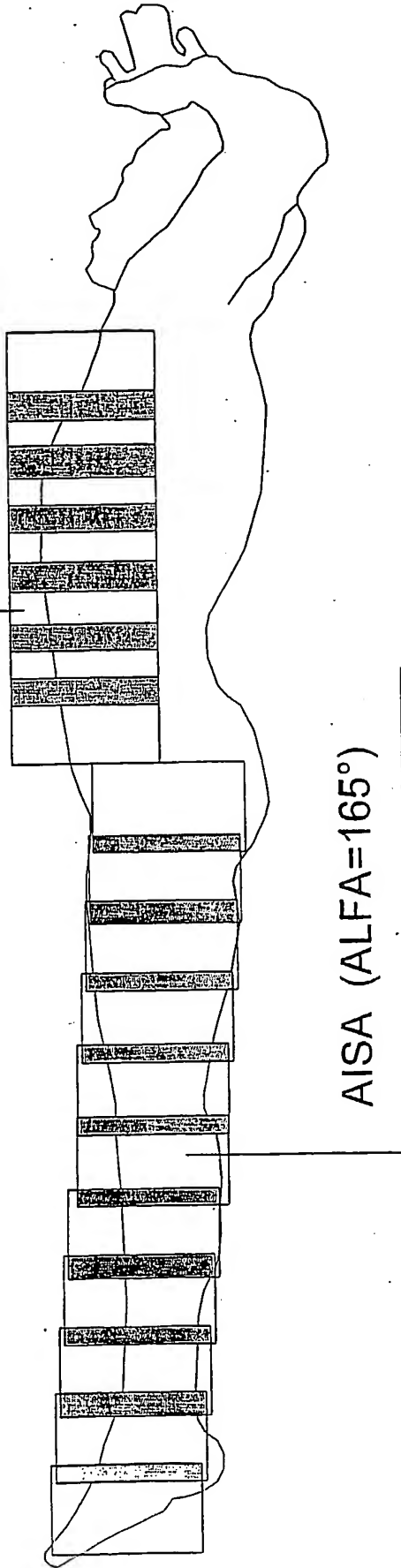


FIG. 9



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FP (ALFA=10)

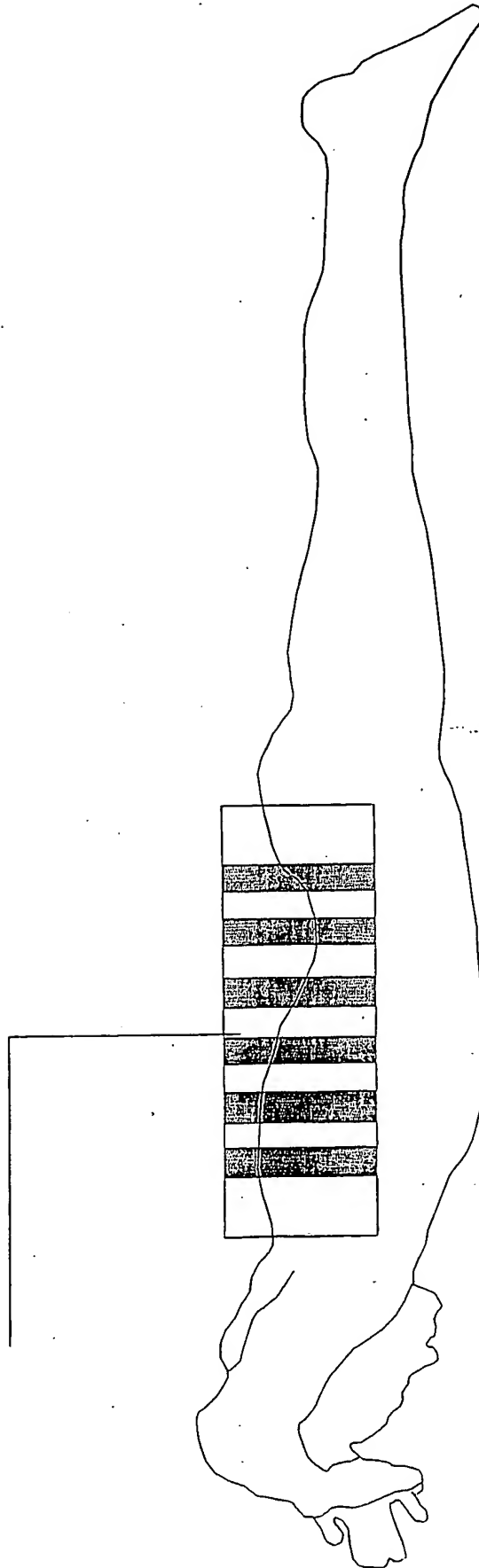
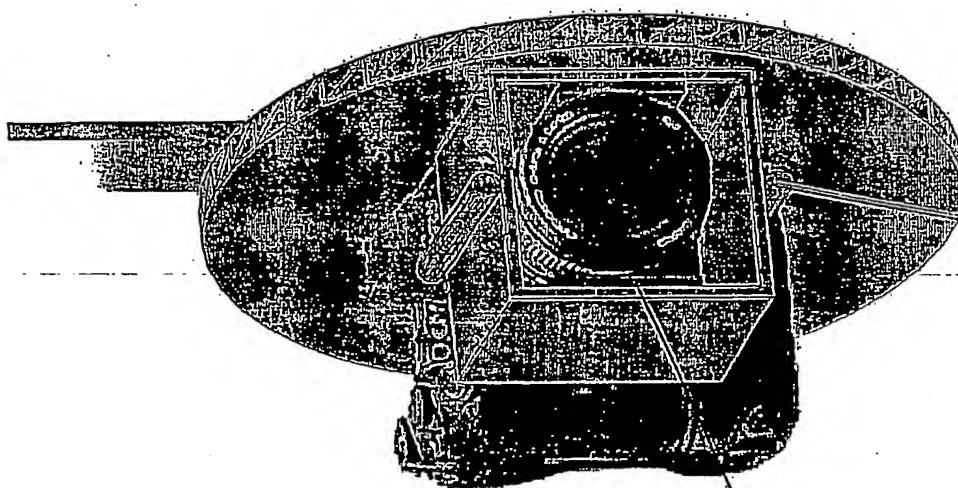


FIG. 10



LASER PROJECTOR

DISTANCE SENSOR

FIG. 11

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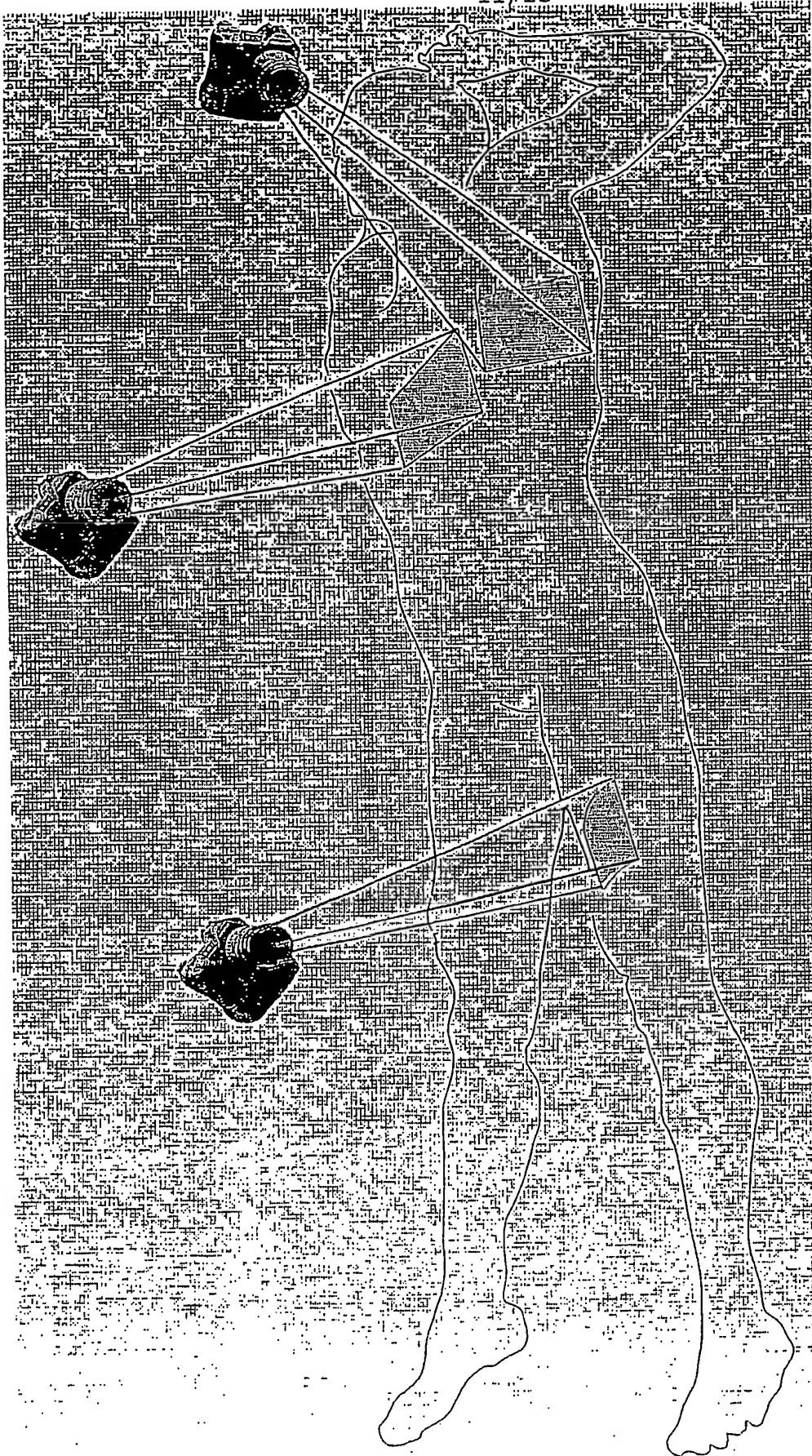


FIG. 12

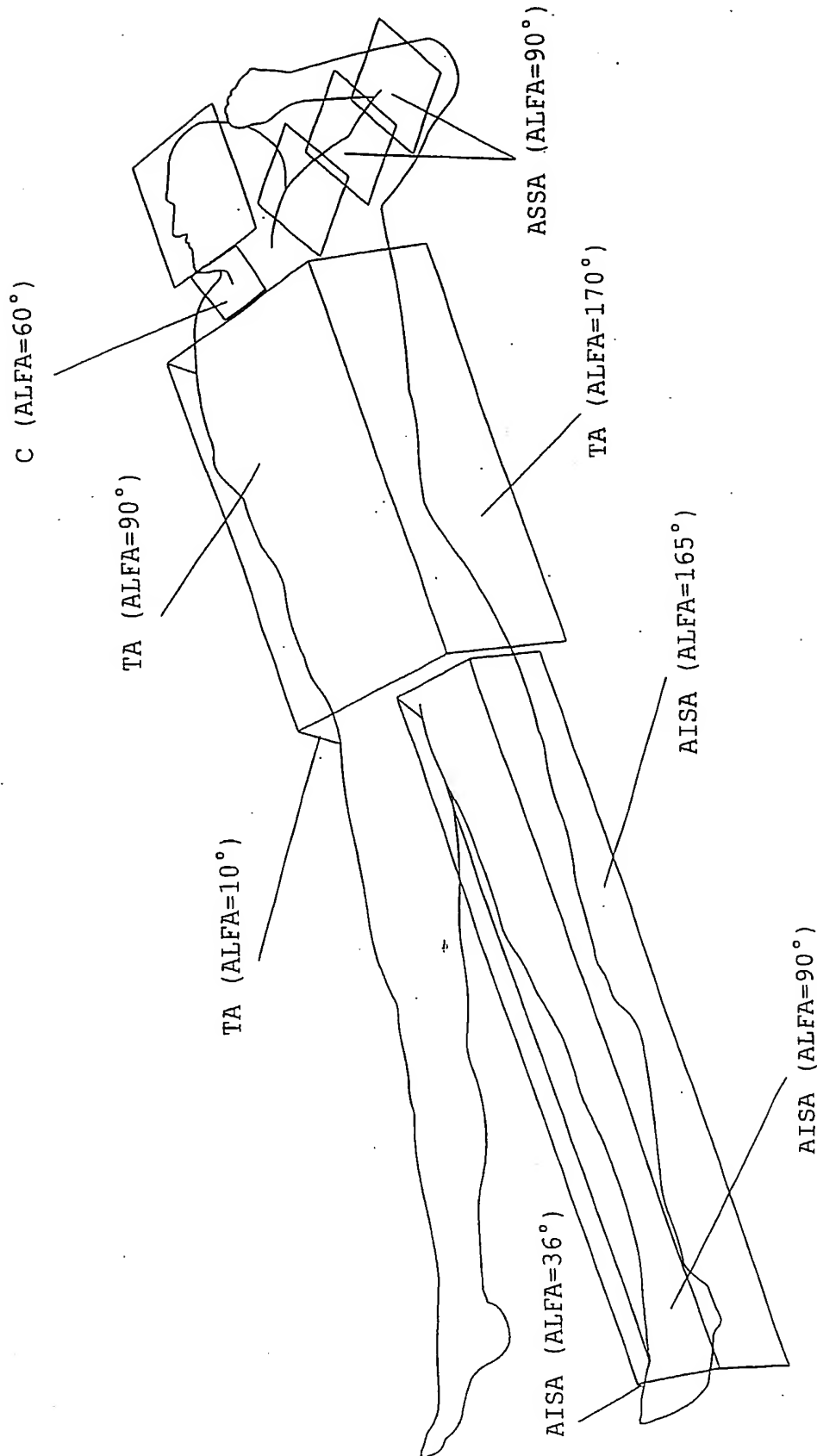


FIG. 13

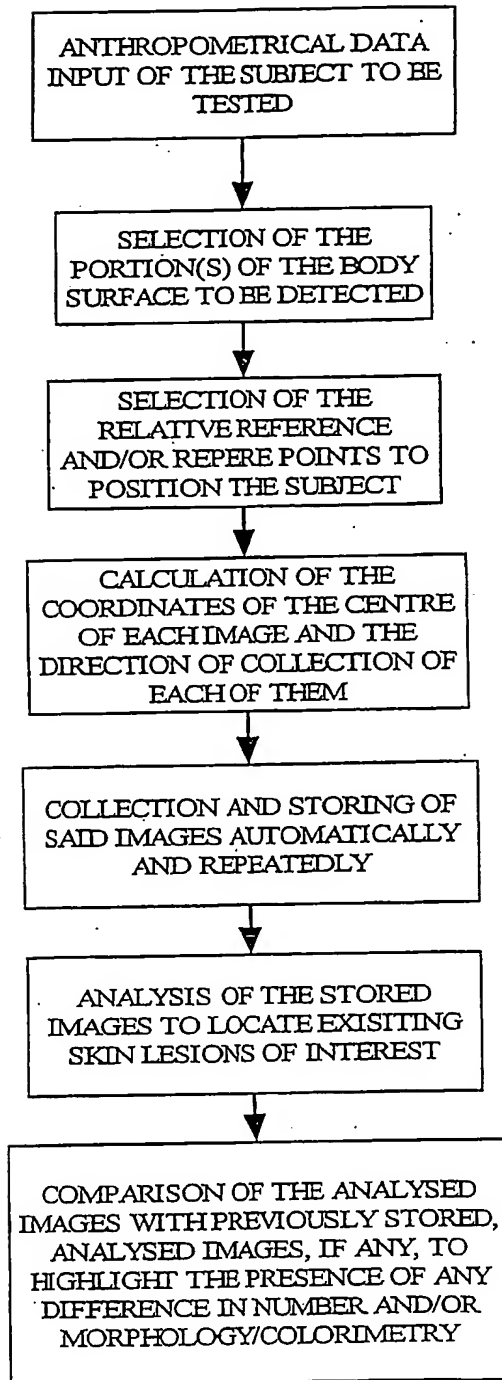


FIG. 14

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